

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of manufacturing a roller element bearing comprising an inner ring, an outer ring, and a series of rolling elements, a rolling surface of each rolling element in contact with a raceway surface formed in each of the inner and the outer rings, at least one of the raceway surfaces of the inner and outer rings and the rolling surfaces of the rolling elements being provided with a topography comprising recesses which are generally isolated by lands, the method comprising:

forming the recesses by shot peening the at least one of the surfaces,

wherein an average angle α between a wall of each recess on the at least one surface is less than 5 degrees, α being the angle between the tangent to the wall, at the intersection of the wall and the adjacent land, and the adjacent land.

2. (Original) The method of claim 1, further comprising forming the recesses to have a maximum diameter of 100 micrometers and a minimum diameter of 14 micrometers.

3. (Cancelled)

4. (Original) The method of claim 1, further comprising using glass beads to do the shot peening.

5. (Previously Presented) The method according to claim 4, wherein the diameter of each glass bead is about 200 micrometers.

6. (Previously Presented) The method of claim 1, further comprising providing the recesses with lubricant.